

DXA scan comparison

No registrations found.

Ethical review	Positive opinion
Status	Recruitment stopped
Health condition type	-
Study type	Observational non invasive

Summary

ID

NL-OMON24006

Source

NTR

Brief title

DXA comparison

Health condition

This is not applicable, as we will not assess any type of disease

Sponsors and support

Primary sponsor: Maastricht University Medical Centre+

Source(s) of monetary or material Support: N/A

Intervention

Outcome measures

Primary outcome

DXA value (including: lean body mass, fat mass, bone mineral content) comparison between 2 different (Hologic DXA) scans, assessed on the same day

Secondary outcome

DXA value (including: lean body mass, fat mass, bone mineral content) comparison within 1 DXA scan, after 2 consecutive scans on 1 (Hologic) system

Study description

Background summary

In the current study, four DXA scans will be performed (four consecutive scans on 2 different Hologic DXA scanners; two scans per system) on one day in 15 human volunteers and a phantom.

The two different DXA scans will be compared to investigate the level of agreement between both scans.

In addition, the internal variation (within each scan) will also be assessed.

Study objective

We hypothesise that there will be no (substantial) differences between both scans for all relevant parameters (e.g. fat mass, lean mass, and bone mineral density) when the same subjects are measured on the same day, under the same conditions.

Study design

N/A

Contacts

Public

Maastricht University
Cas Fuchs

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Scientific

Maastricht University
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Eligibility criteria

Inclusion criteria

Healthy males and females of 18 years and older.

Exclusion criteria

Humans younger than 18 years
Humans with any disease or disorder
Incapacitated people

Study design

Design

Study type:	Observational non invasive
Intervention model:	Other
Allocation:	Non controlled trial
Masking:	Open (masking not used)
Control:	N/A , unknown

Recruitment

NL	
Recruitment status:	Recruitment stopped
Start date (anticipated):	05-01-2021
Enrollment:	15
Type:	Actual

IPD sharing statement

Plan to share IPD: Undecided

Ethics review

Positive opinion	
Date:	15-01-2021
Application type:	First submission

Study registrations

Followed up by the following (possibly more current) registration

No registrations found.

Other (possibly less up-to-date) registrations in this register

No registrations found.

In other registers

Register	ID
NTR-new	NL9225
Other	METC MUMC+ : 2019-1228

Study results